

Title (en)

Safety unlocking for up and over doors

Title (de)

Sicherheitsentriegelung für über Kopf bewegbare Torblätter

Title (fr)

Déverrouillage de sécurité pour panneaux de portes basculantes

Publication

EP 0565061 B1 19970312 (DE)

Application

EP 93105698 A 19930406

Priority

DE 4212130 A 19920410

Abstract (en)

[origin: EP0565061A1] Safety unlocking device for up-and-over door leaves, such as an articulated ceiling door, heavy rolling door or the like, with a drive unit, especially with a gear step-up and electromotor, if appropriate with a load-compensating device formed especially by torsion springs, and a device for separating the connection between the door leaf and the drive unit, which safety unlocking device, for the purpose of preventing the door leaf from possibly crashing down, has a sensing device (10) for the position of the door leaf, which releases an unlocking member (9) for actuating the separating device only when the door leaf is in the closed position. <IMAGE>

IPC 1-7

E05F 15/16; **E05F 15/10**

IPC 8 full level

E05F 15/603 (2015.01); **E05F 15/668** (2015.01); **E05D 13/00** (2006.01)

CPC (source: EP)

E05F 15/603 (2015.01); **E05F 15/668** (2015.01); **E05D 13/003** (2013.01); **E05Y 2201/244** (2013.01); **E05Y 2400/3013** (2024.05); **E05Y 2400/3017** (2024.05); **E05Y 2400/52** (2013.01); **E05Y 2800/254** (2013.01); **E05Y 2900/106** (2013.01)

Cited by

DE20214745U1; EP1279789A1; US7007427B2; EP1028215A2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IE IT LI NL SE

DOCDB simple family (publication)

EP 0565061 A1 19931013; **EP 0565061 B1 19970312**; AT E150128 T1 19970315; DE 4311287 A1 19931014; DE 4311287 C2 19960111; DE 59305682 D1 19970417; DK 0565061 T3 19970401; ES 2098576 T3 19970501

DOCDB simple family (application)

EP 93105698 A 19930406; AT 93105698 T 19930406; DE 4311287 A 19930406; DE 59305682 T 19930406; DK 93105698 T 19930406; ES 93105698 T 19930406